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PATENT ABSTRACTS OF JAPAN(21) Application number: **62011771**(51) Intl. Cl.: **H04M 3/42**(22) Application date: **21.01.87**

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(54) PRIVATE BRANCH EXCHANGE

(57) Abstract:

PURPOSE: To eliminate troublesome operation such as re-connecting a re-dialing by automatically re-connecting to another extension telephone set high in priority order stored as a member of a group when an extension telephone set connected first is in busy.

CONSTITUTION: A table in which related extension numbers are grouped for each extension number is preliminarily stored in a memory circuit part 4 from an input/output device 5 via a CPU 3. If a specific extension number is dialed at an extension telephone set, the number goes through a channel switch 1 and a channel control unit 2 and fetched to a CPU 3, and submitted to a circuit part as an address. The part 4, when the specific extension number is not busy, returns this specific extension number, but returns a grouped extension number high in priority

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order which is not busy to the CPU 3,
and connects the caller to this latter
extension number. As a result, the
troublesome operation such as re-
connecting can be eliminated.

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